

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1-12 Cancelled

13. (Currently Amended) A computer-implemented method of designing a an electronic device comprising:

reaching a decision point, wherein a first remedy is proposed;
selecting the first remedy;
executing ~~on~~ the first remedy; and
backtracking to the decision point and selecting a second remedy.

14. (Original) The computer-implemented method of claim 13, further comprising detecting a symptom before reaching the decision point.

15. (Original) The computer-implemented method of claim 13, further comprising proposing the second remedy after executing on the first remedy.

16. (Currently Amended) The computer-implemented method of claim 13, further comprising manufacturing the electronic device in accordance with ~~the~~ a device design.

17. (Original) The computer-implemented method of claim 13, further comprising retaining information regarding the second remedy at least between the times of selecting the first remedy and backtracking.

18. (Original) A computer-implemented method of designing an electronic device comprising:

- reaching a decision point, wherein a first remedy and a second remedy are proposed;
- testing or executing the first remedy and the second remedy, wherein the first remedy has a higher priority compared to the second remedy; and
- switching priorities, so that the second remedy has a higher priority compared to the first remedy.

19-29. Cancelled

30. (Currently Amended) A data processing system readable medium having code embodied therein, the code comprising:

an instruction for selecting a first remedy in response to reaching a decision point, wherein the first remedy is proposed;

an instruction for executing ~~on-a~~ the first remedy; and

an instruction for backtracking to the decision point and selecting the second remedy.

31. (Original) The data processing system readable medium of claim 30, wherein the code further comprises an instruction for detecting a symptom before reaching the decision point.

32. (Original) The data processing system readable medium of claim 30, wherein the code further comprises an instruction for proposing the second remedy, wherein the instruction for proposing the second remedy is performed after executing on the first remedy.

33. (Original) The data processing system readable medium of claim 32, wherein the first remedy is not executed after executing the instruction for backtracking.

34. (Original) The data processing system readable medium of claim 30, wherein the code further comprises an instruction for retaining information regarding the second remedy at least between the times of selecting the first remedy and backtracking.

35. (Original) A data processing system readable medium having code embodied therein, the code comprising:

an instruction for proposing a first remedy and a second remedy;

an instruction for testing or executing the first remedy and the second remedy, wherein the first remedy has a higher priority compared to the second remedy; and

an instruction for switching priorities, so that the second remedy has a higher priority compared to the first remedy.